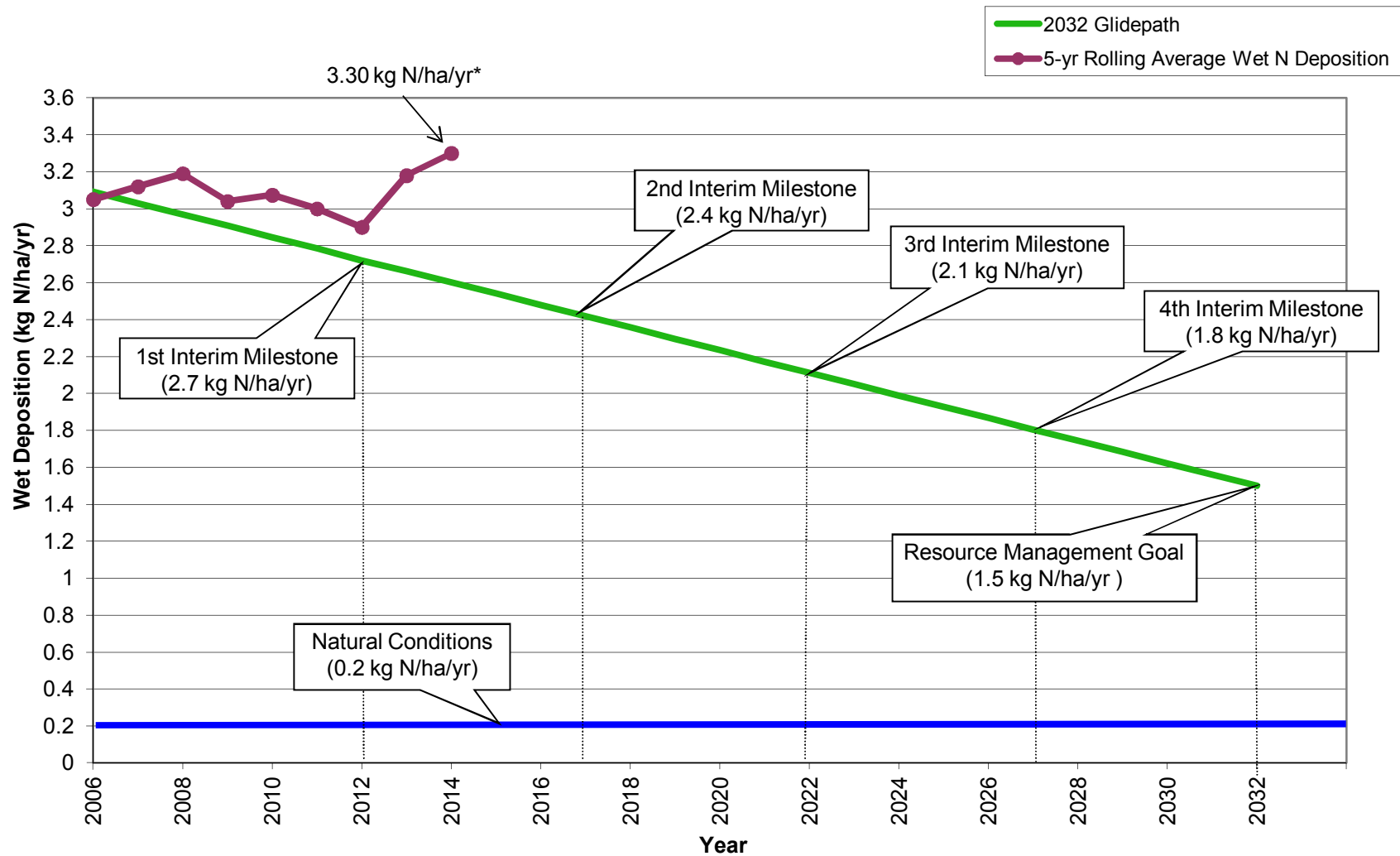


**RMNP Initiative
Nitrogen Deposition Current Status
As of May 2015**



Glidepath and Current Wet Nitrogen Deposition Rocky Mountain National Park



*Based on preliminary 2014 data (as of May 2015)

Monitoring & Tracking Report Update (2013)

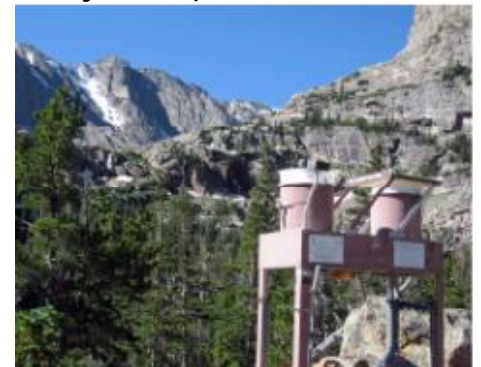
» Has nitrogen deposition decreased at RMNP or other sites in the region?

- Long-Term Statistical Trend (1984-2013):

- No trend in wet nitrogen deposition (went from increasing to flat) at Loch Vale
- Increase in wet nitrogen deposition at Beaver Meadows
- Ammonium is increasing at 4 out of 5 sites
- Nitrate decreasing at one site (Sugarloaf)

- Short-Term Statistical Trends (2007/2009 – 2013):

- No trend in wet nitrogen deposition (over all sites) (last 7 years)
- Significant decrease in wet N dep. at Pawnee (last 7 years)
- Ammonium concentration increasing at 4 out of 5 sites (last 5 years)
- No nitrate trend



Regional Sites used for Short- and Long-Term Trend Analyses

